CROSS-LINKED POLYMERS BASED ON BIS-SILANE, BIS-THIOETHER, BIS-SULPHOXIDE, BIS-SULPHONE AND BUTANE-DI-YL DERIVATIVES OF POLYSACCHARIDES AND OLIGOSACCHARIDES, AND THEIR SHAPING AS SUPPORT MATERIALS

ABSTRACT

There are described novel cross-linked polymers based on bis-silane, bis-thioether, bis-sulphoxide, bis-sulphone and butane-di-yl derivatives of polysaccharides and oligosaccharides, their shaping as support materials useful for the separation or preparation of enantiomers; a process for preparing the said cross-linked polymer compounds, a process for preparing balls of support materials containing the said cross-linked polymer compounds; a method of obtaining balls of support materials useful in chromatography or in organic synthesis; and the use of the said support materials containing the cross-linked polymer compounds in separation or in preparation of enantiomers, through employment in chromatography or organic synthesis processes in a heterogeneous medium; and the use of the said cross-linked polymer compounds in the form of membranes in processes using percolation through membranes for the separation or the preparation of enantiomers.